INDEX

ARG = Anaesthetic Research Group Papers
C = Correspondence
E = Editorial
R = Review

PAGE

A

Accuracy of capillary sampling for acid-base estimations. DOCRAT, K., and KENNY, S..... 840
Acid-base changes in arterial blood associated with spontaneous and controlled ventilation during anaesthesia. MILLAR, R. A., and MARSHALL, B. E. 492
Action of adiabatic effects on the compliance of an artificial thorax. HILL, D. W., and MOORE, V. 19
Acute and delayed chloroform poisoning. SCHROEDER, H. G..... 972
Adjuncts to neurosurgical anaesthesia. ROSOMOFF, H. L..... 246
Adrenal insufficiency; see MCCLEERY, W. N. C.
ADRIANI, J. (Ed.). *Appraisal of current concepts in Anesthesiology* .....(*R*)180
Advances in Otorhinolaryngology. RUEDI, L. (Ed.) .....(*R*)370
Aid to develop anaesthesia overseas .....(*E*) 75
ALADJALOVA, N. A. *Slow electrical processes in the brain* .....(*R*)294
ALADJEMOFF, L., see MAGORA, F.
Alcohol concentrations in blood, breath and urine. HILL, D. W., and PAYNE, J. P. (*ARG*)288
ALLEN, T. H., and STEVEN, I. M. Prolonged endotracheal intubation in infants and children 566
ALLGOWER, M. (Ed.). *Progress in Surgery*, Vol. 4 (1964) .....(*R*)173
Alterations in response to somatic pain associated with anaesthesia. XVII: Propanidid (FBA.1420). DUNDEE, J. W., and CLARKE, R. S. J..... 121
Alveolar-arterial gas tension gradients .....(*E*) 1
Alveolar-arterial gradient for oxygen at 2 atmospheres pressure. MCDOWALL, D. G., LEDINGHAM, I. MCA., TINDAL, S., and MONTANI, S. .....(*ARG*)552
Amplitude observation during closed circuit halothane anaesthesia with the vaporizer inside the circuit. BEDDARD, J. R. J. 354
Anaesthesia and the circulation. FABIAN, L. (Ed.) .....(*R*)479
Anaesthesia at the Royal Dental Hospital. GOULD, R. B. .....(*C*)212
Anaesthesia, dental:
  Methoxyflurane; see UNKLES, R. D.
  Royal Dental Hospital; see GOULD, R. B.
  Teaching; see BINNING, R.

PAGE

Anaesthesia for children:
  Book review; see SMITH, R. M.
  Cyclopropane; see PAYMASTER, N.
  Modified T-piece; see NIGHTINGALE, D. A.
  Prolonged intubation; see ALLEN, T. H.; MCDONALD, I. H.
  Relaxants; see BUSH, G. H.
Anaesthesia for direct current shock in the treatment of cardiac arrhythmias. GILSTON, A., FORDHAM, R., and RESNEKOV, L. 533
Anaesthesia for neurosurgery:
  Adjuncts; see ROSOMOFF, H. L.
  Cerebral bloodflow; see INGVAR, D. H.; HARPER, A. M.; MCDOWALL, D. G.
  Book review 12
  Editorial 215
  Hypothermia and circulatory arrest; see CAMPKIN, V.
  Respiration; see MARRUBINI, M. B.; SEMPLE, S. J. G.
Anaesthesia for obstetrics:
  Atropine; see JOHN, A. H.
  Book review; see MOORE, D. C.
  Maternal hypoxia; see JOHN, A. H.
  Pethidine; see CRAWFORD, J. S.
  Promazine; see CRAWFORD, J. S.
Anaesthesia in West African patients with sickle-cell anaemia, haemoglobin SC disease, and sickle-cell trait. GILBERTSON, A. A. 614
Anaesthesia in patients with sickle-cell anaemia. BROWNE, R. A. 181
  LEVY, G. J., and WEBSTER, J. L. .....(*C*)801
Anaesthesia for thoracic surgery:
  Book review; see MUSHIN, W. W.
  Double-lumen tube; see ZEITLIN, G. L.
  Heart surgery; see KEOWN, K. K.
  One-lung anaesthesia; see NASSAR, H.
  Thymectomy; see BAIRD, W. L. M.
Anaesthesiology and Resuscitation, 4. HORATZ, K., FREY, R., and ZINDLER, M. .....(*R*)642
Anaesthetic Ethers. CONWAY, C. M. 644
Anaesthetic management of patients with bronchopleural fistula with the Robertshaw double-lumen tube. RYDER, G. H., SHORT, D. H., ZEITLIN, G. L. 861
Anaesthetic Research Group Papers:
  BISCOE, T. J. Effects of anaesthetics on post-ganglionic sympathetic discharge 291
  COOPER, E. A. Physiological deadspace under general anaesthesia and I.P.P.R. 555
  GREENBAUM, R., NUNN, J. F., PRYS-ROBERTS, C., KELMAN, G. R., and SILK, F. F. Cardiopulmonary function after fat embolism 554

Anaesthetic Research Group Papers (*cont.*): PAGE
HARGREAVES, M. D. Changes in respiratory resistance and compliance with posture 988
HILL, D. W., and PAYNE, J. P. Alcohol concentrations in blood, breath and urine 288
HOBBES, A. Comparison of methods of calibrating the pneumotachograph 987
KELMAN, G. R. Processing of experimental results using a digital computer 989
KELMAN, G. R., COLEMAN, A. J., and NUNN, J. F. Assessment of capillary pH electrode and microtonometer system 289
LEDINGHAM, I. McA., TINDAL, S., and MONTANI, S. Alveolar-arterial gradient for oxygen at 2 atmosphere pressure 552
LINDEN, R. J. Hyperventilation and acid-base balance 290
McCLEERY, W. N. C. A comparative evaluation of corticoids in the treatment of acute adrenal insufficiency 288
McDOWALL, D. G., LEDINGHAM, I. McA., TINDAL, S., and MONTANI, S. Alveolar-arterial gradient for oxygen at 2 atmospheres pressure 552
MILLAR, R. A., and BISCOE, T. J. Effects of anaesthetics on postganglionic sympathetic discharge 291
NORMAN, J. and LINDEN, R. J. Hyperventilation and acid-base balance 290
PARBROOK, G. D. Studies of nitrous oxide toxicity in experimental animals 556
PARBROOK, G. D., MOBBS, I., and MACKENZIE, J. Effects of Nitrous Oxide on the early chick embryo 990
PAYNE, J. P. Alcohol concentrations in blood, breath and urine 288
PRYS-ROBERTS, C., KELMAN, G. R., and NUNN, J. F. Determination of the in vivo carbon dioxide titration curve in anaesthetized man 553
ROSEN, N. and MAPLESON, W. W. Assessment of the Radiometer oxygen electrode 553
TOMLIN, P. J. P_{CO_2} titration curves in the dog 991
WEAVER, B. M. Q., and MAPLESON, W. W. The measurement of airway resistance in horses 987
WEBB, S. J. S. A method of recording the minute volume of respiration 292
Anaesthetics training today. PARKHOUSE, J. 623
Anaesthetist and the early management of acute head injuries. HART, S. M. 189
Anaesthesia for infants and children, SMITH, R. M. (*R*)134
Anaesthesia for surgery of the heart. KEOWN, K. K. (*R*)139
Anesthetic techniques for obstetrical anesthesia and analgesia. MOORE, D. C. (*R*)224
A new lease of life? (*E*)643
GOLDMAN, V. (*C*)888
Animal anaesthesia. WESTHUES, M., and FRISTCH, R. (*R*)885
Another method of providing for intermittent epidural injection. SCOTT, D. B. (*C*)293
ANTON, A. H.; see GRAVENSTEIN, J. S.
A nurse's guide to anaesthetics, resuscitation and intensive care. NORRIS, W., CAMPBELL, D. (*R*)802

PAGE
Apparatus:
Capillary pH electrode; see KELMAN, G. R.
Computer; see KELMAN, G. R.
Double-lumen tube; see ZEITLIN, G. L.
Endotracheal cuffs; see SMITHSON, R. P.
Electronics; see HILL, D. W.
Epidural; see SCOTT, D. B.
Explosions; see ITO, Y.
Flow meters; see HAGELSTEN, J. O.
Gas chromatography; see MONAHAN, C. M.
Instrumentation; see DORNETTE, W. H. L.
Laryngeal spray; see PIERCE, G.
Pneumotachograph; see HOBBES, A.
Radiometer electrode; see ROSEN, N.
Respiration measurement; see WEBB, S. J. S.
Tracheostomy, etc.; see HINGORANI, B. K.
Transportable; see STEPHENS, K. F.
Vaporisers; see JENNINGS, A. M. C.
Application of neuroleptanalgesia in anaesthetic and other practice, the. SHEPHERD, N. W. (Ed.) (*R*)613
Appraisal of current concepts in anesthesiology. ADRIANI, J. (Ed.) (*R*)180
Arterial oxygen tension and age. MILLAR, R. A. (*C*)557
Arterial oxygen tensions of patients awaiting surgery. CONWAY, C. M., PAYNE, J. P., and TOMLIN, P. J. 405
Assessment of capillary pH electrode and microtonometer system. KELMAN, G. R., COLEMAN, A. J. and NUNN, J. (*ARG*)289
Assessment of the Radiometer oxygen electrode. ROSEN, N., MAPLESON, W. W. (*ARG*)553
Assessment of the Robertshaw double-lumen tube. ZEITLIN, G. L., RYDER, G. H., and SHORT, D. H. 858
ATKINSON, R. S.; see LEE, J. A.
AVIADO, D. W. *The lung circulation* (*R*)857

B

BACHMAN, L.; see PAYMASTER, N.
BAILLIE, T. W. First European trial of anaesthetic ether: the Dumfries claim 952
BAIRD, W. L. M., and NORRIS, W. The immediate postoperative care of the myasthenic patient following thymectomy 174
BARGH, W., and SLAWSON, K. B. Experiences of an artificial ventilation unit 574
BEDDARD, J. R. J. Amplitude observation during closed circuit Halothane anaesthesia, with the vaporizer inside the circuit 354
Peripheral pulse amplitude in Halothane anaesthesia (*C*)557
BELLER, A.; see MAGORA, F.
BERGMAN, N. A.; see NUNN, J. F.
BINNING, R. Teaching of general anaesthesia for dental surgeons (*C*)142
Biochemistry:
Acid-base changes; see BURTON, G. W., NORMAN, J., MILLAR, R. A.
Capillary of the electrode; see KELMAN, G. R.
Catecholamines; see GRAVENSTEIN, J. S.
Corticoids; see McCLEERY, W. N. C.
CO_2 elimination; see HEWER, C. L.; ZEITLIN, G.L.

PAGE

Biochemistry (*cont.*):
CO_2 and O_2 in blood; see WEBSTER, J. L.
CO_2 in children; see WEBSTER, J. L.
CO_2 measurement; see HARRISON, E. M.
CO_2 titration curves; see PRYS-ROBERTS, C., and TOMLIN, P. J.
Gas chromatography; see MONAHAN, C. M. SYKES, M. K.
Oxygen tensions; see CONWAY, C. M.; MILLAR, R. A.; NUNN, J. F.; SYKES, M. K.
Radiometer electrode; see ROSEN, N.
Biology of Respiration, NEGUS, V. .....(*R*)453
BISCOE, T. J.; see MILLAR, R. A.
BLACK, G. W. A review of the pharmacology of Halothane 688
—— Cardiovascular effects of Nitrous Oxide (*C*)994
—— and MCARDLE, L. Effects of Methoxyflurane (Penthrane) on the peripheral circulation in man 947
—— and MCKANE, R. V. Respiratory and metabolic changes during Methoxyflurane and Halothane anaesthesia 409
BLOCH, M. Cardiovascular effects of Nitrous Oxide .....(*C*)994
The Cardiovascular effects of Nitrous Oxide in the dog .....(*C*)887
Blood levels of Mepivacaine after regional anaesthesia. DHUNÉR, K. G.; HARTHON, J. G. L., HERRING, B. G., and LIE, T. 746
Boerhave-Cursessen voor Specialisten; Anaesthesiologie, 1963: Neuroanaesthesia .....(*R*) 12
BOEREMA, I. (Ed.). *Clinical applications of hyperbaric oxygen* .....(*R*) 73
BRAID, D. P., and SCOTT, D. B. The systemic absorption of local analgesic drugs 394
BRANDSTATER, B., EGER, E. I., and EDELIST, G. Effects of Halothane, Ether and Cyclopropane on respiration 890
Brave New World .....(*E*)143
BROMAGE, P. R. A comparison of the hydrochloride salts of Lignocaine and Prilocaine for epidural analgesia 753
BROWNE, R. A. Anaesthesia in patients with sickle-cell anaemia 181
BURTON, A. C. *Physiology and biophysics of the circulation* .....(*R*)882
BURTON, G. W. Effects of the acid-base state upon the temperature coefficient of pH of blood 89
BUSH, G. H. The clinical comparison between Tubocurarine and Diallylnortoxiferine in children 540

C

CAMPBELL, D., MASSON, A. H. B., and NORRIS, W. The clinical evaluation of narcotic and sedative drugs.
I: Introduction 126
II: A re-evaluation of Pethidine and Pethilorfan 199
CAMPKIN, V. Moderate hypothermia and circulatory arrest for neurosurgical operations 528
Carbon Dioxide elimination during insufflation anaesthesia. ZEITLIN, G. L., SHORT, D. H., and FIELDING, M. E. 117
HEWER, C. L. .....(*C*)369

PAGE

Cardiac arrest and resuscitation
HOBBES, A. .....(*C*)368
RAINER, E. .....(*C*)368
Cardiac Arrest and Resuscitation
STEPHENSON, H. E. .....(*R*) 73
Cardiopulmonary function after fat embolism. GREENBAUM, R., NUNN, J. F., PRYS-ROBERTS, C., KELMAN, G. R., and SILK, F. F. ...(*ARG*)554
Cardiovascular effects of Nitrous Oxide.
BLACK, G. W. .....(*C*)994
BLOCH, M. .....(*C*)994
Cardiovascular effects of Nitrous Oxide in the Dog. CRAYTHORNE, N. W. B., and DARBY, T. D. 560
BLOCH, M. .....(*C*)887
Catecholamine and cardiovascular response to electro-convulsion therapy in man. GRAVENSTEIN, J. S., ANTON, A. H., WIENER, S. M., and TETLOW, A. 833
rCBF: Regional cerebral blood flow.
INGVAR, D. H. and LASSEN, N. A. .....(*R*)771
Cerebral vasoconstriction. LARSON, A. G. .....(*C*)212
CHANDRA, P.; see MEHRA, K. S.
Changes in respiratory resistance and compliance with posture. HARGREAVES, M. D. .....(*ARG*)988
Chloroform. DAVISON, M. H. A. 655
CLARKE, H. L. Sickle-cell trait and anaesthesia .....(*C*)464
CLARKE, R. S. J.; see DUNDEE, J. W.
—— and DUNDEE, J. W. Clinical studies of induction agents. XII: The influence of some premedicants on the course and sequelae of Propanidid anaesthesia 51
—— and DUNDEE, J. W. Studies of drugs given before anaesthesia. IX: Morphine with Tacrine 779
——, DUNDEE, J. W., and LOVE, W. J. Studies of drugs given before anaesthesia. VIII: Morphine 10mg alone and with Atropine or Hyoscine 772
——, KIRWAN, M. J., DUNDEE, J. W., NEILL, D. W., and MITCHELL, E. S. Clinical studies of induction agents. XIII: Liver function after Propanidid and Thiopentone Anaesthesia 415
Clinical applications of hyperbaric oxygen
BOEREMA, I. (Ed.) .....(*R*) 73
Clinical comparison between Tubocurarine and Diallylnortoxiferine in children. BUSH, G. H. 540
Clinical evaluation of narcotic and sedative drugs.
I: Introduction 126
II: A re-evaluation of Pethidine and Pethilorfan. CAMPBELL, D., MASSON, A. H. B., and NORRIS, W. 199
Clinical studies of induction agents.
XII: The influence of some premedicants on the course and sequelae of Propanidid anaesthesia. CLARKE, R. S. J. and DUNDEE, J. W. 51
XIII: Liver function after Propanidid and Thiopentone anaesthesia. CLARKE, R. S. J., KIRWAN, M. J., DUNDEE, J. W., NEILL, D. W., and MITCHELL, E. S. 415

PAGE

COLEMAN, A. J.; see KELMAN, G. R., NUNN, J. F.
Comment on arterial pressure waves during apnoeic oxygenation. MILLAR, R. A. 326
Comparative evaluation of corticoids in the treatment of acute adrenal insufficiency. MCCLEERY, W. N. C. .....(*ARG*)288
Comparison of methods of calibrating the pneumotachograph. HOBBES, A. .....(*ARG*)987
Comparison of the hydrochloride salts of Lignocaine and Prilocaine for epidural analgesia. BROMAGE, P. R. 733
Complications:
Awareness; see LEVINSON, B. W.
Cardiac arrest; see HOBBES, A.; LOMAZ, J. G.; MCKELVIE, P.; MCKELVIE, W. B.; RAINER, E.; SHAW, G. G.; STEPHENSON, H. E.; SYKES, M. K.
Chloroform poisoning; see SCHROEDER, H. G.
Explosions; see ITO, Y.
Fat embolism; see GREENBAUM, R.
Local anaesthetics; see HARLEY, H. R. S., LAURENCE, M. K., STETSON, J. B.
Myoglobinuria; see TAMMISTO, T.
Neuroblastomas; see FARMAN, J. V.
Prolonged intubation; see ALLEN, T. H.; MCDONALD, I. H.
Respiratory inadequacy; see ELLIS, F. R.
Respiratory obstruction; see MORROW, W. F. K.; SCREECH, G.
Shivering; see JONES, H. D.
Sickle-cell anaemia; see BROWNE, R. A.; GILBERTSON, A. A.; LEVY, C. J.
Sickle-cell trait; see CLARKE, H. L.
Streptomycin; see SIKH, S. S.
COMROE, J. H. *Physiology of respiration: an introductory text* .....(*R*)546
Conditions for the formation and elimination of static electricity in a Danish hospital. HAGLESTEN, J. O., and LARSEN, O. S. 438
CONWAY, C. M. The anaesthetic ethers 644
——, PAYNE, J. P. and TOMLIN, P. J. Arterial oxygen tension and age ..... (*C*)642
—— PAYNE, J. P., and TOMLIN, P. J. Arterial oxygen tensions of patients awaiting surgery 405
COOKE, P. M.; see SYKES, M. K.
COOPER, E. A. Physiological deadspace under general anaesthesia and IPPR .....(*ARG*)555
Corticoids; see MCCLEERY, W. N. C.
COTES, J. E. *Lung function: Assessment and application in medicine* .....(*R*)802
Craft and Intellect (The John Snow Memorial Lecture, 1964). MUSHIN, W. W. 520
CRAWFORD, J. S. and RUDOFSKY, S. Placental transmission and neonatal metabolism of Promazine 303
—— and RUDOFSKY, S. The mode of administration of Promazine as a factor in determining the extent of placental transmission... 310
—— and RUDOFSKY, S. The placental transmission of Pethidine 929
CRAYTHORNE, N. W. B., and DARBY, T. D. The cardiovascular effects of Nitrous Oxide in the dog 560
CULLEN, S. C. *Year Book of Anesthesia* .....(*R*)224
Curare, its History and Usage. THOMAS, K. B. (*R*)173

PAGE

Cyclopropane: The essential features. VERNER, I. R. 671
Cyclopropane induction to endotracheal Ether anaesthesia in infants and children. PAYMASTER, N., WOLLMAN, H., and BACHMAN, L. 29

D

DARBY, T. D.; see CRAYTHORNE, N. W. B.
DAVIS, H. S.; see WINGARD, D.
DAVISON, M. H. A. Chloroform 655
DAW, E. F.; see MICHENFELDER, J. D. ...
Death from neuroblastoma. FARMAN, J. V. 883
Determination of the in vivo carbon dioxide titration curve in anaesthetised man. PRYS-ROBERTS, C., KELMAN, G. R., and NUNN, J. F. .....(*ARG*)553
DHUNÉR, K–G, HARTHON, J. G. L., HERRING, B-G, and LIE, T. Blood levels of Mepivacaine after regional anaesthesia 746
Diallyl toxiferine. GARWACKI, J. .....(*C*) 12
VENN, P. H. .....(*C*)213
Diazepam as a pre-operative tranquillizer in neuro-anaesthesia: a preliminary note. MARRUBINI, M. B., and TRETOLA, L. 934
Divinyl Ether. FINER, B. 661
DOCRAT, K., and KENNY, S. Accuracy of capillary sampling for acid-base estimations 840
DORNETTE, W. H. L. (Ed.). *Instrumentation and anesthesia* .....(*R*)188
Drug impurities .....(*E*)715
Drugs and Genes .....(*E*)371
Drugs in anaesthetic practice (2nd Edn.) WOOD-SMITH, F. G., and STEWART, H. C. ...(*R*)527
DUNCALF, D., FOLDES, F. F., JACOBSON, E., and VARGAS, P. G. Investigation of the cardiovascular effects of Hexafluorenium 591
DUNDEE, J. W.; see CLARKE, R. S. J.
DUNDEE, J. W., and CLARKE, R. S. J. Alterations in response to somatic pain associated with anaesthesia. XVII: Propanidid (FBA 1420) 121
——, MOORE, J., LOVE., W. J., NICHOLL, R. M. and CLARKE, R. S. J. Studies of drugs given before anaesthesia. VI: the Phenothiazine derivatives 332
——, NICHOLL, R. M., CLARKE, R. S. J., MOORE, J., and LOVE, W. Studies of drugs given before anaesthesia. VII: Pethidine-Phenothiazine combinations 601
Duration of the neuromuscular blocking action of Streptomycin. SIKH, S. S., and SACHDEV, K. S. 158

E

EDELIST, G.; see BRANDSTATER, B.
Editorials:
Alveolar-arterial gas tension gradients 1
Aid to develop anaesthesia overseas 75
Brave New World? 143
Progress in Neurosurgical Anaesthesia 215
Local Anaesthesia 295
Drugs and Genes 371
Intensive therapy and care 465
Sir Robert Macintosh 559

PAGE

Editorials (*cont.*):
University of Pennsylvania Bicentenary Celebrations 559
A new lease of life? 643
Drug impurities 715
Anaesthesia and autonomic activity 803
Retrospect 889
Educational:
Electronics; see HILL, D. W.
History; see BAILLIE, T. W., SMITH, W. D. A.
Physics; see HILL, D. W.
EGER, E. I.; see BRANDSTATER, B.
Effect of Halothane anaesthesia and hypothermia on survival of dogs subjected to acute untreated haemorrhage. VAJS, E., REBERNISAK, V., and PANTELIC, D. 380
Effect of Halothane anaesthesia on survival of dogs subjected to controlled posthaemorrhagic hypotension followed by retransfusion. PANTELIC, D., and VAJS, E. 388
Effect of Halothane on the sympathetic nerve supply to the myocardium. PURCHASE, I. F. H. 915
Effect of Hyperventilation on "Excess lactate" production during anaesthesia. SYKES, M. K., and COOKE, P. M. 372
Effect of maternal hypoxia on the heart rate of the foetus in utero. JOHN, A. H. 515
Effect of Suxamethonium in a case of myotonia in the horse. JONES, R. S., and RITCHIE, H. E. .....(*C*)142
Effect of Trimetaphan on haemodynamics and oxygen consumption during Halothane anaesthesia in man. THEYE, R. A., and TUOHY, G. F. 144
Effect on the eye of premedication with Atropine. MEHRA, K. S., and CHANDRA, P. 133
Effects of anaesthetics on postgangliomic sympathetic discharge. MILLAR, R. A., and BISCOE, T. J. .....(*ARG*)291
Effects of general anaesthetics on cerebral bloodflow and cerebral metabolism. MCDOWALL, D. G. 236
Effects of Halothane and Chloroform on the liver in protein-deficient mice. WINGARD, D., DAVIS, S., and LEONARD, D. 103
Effects of Halothane, Ether and Cyclopropane on respiration. BRANDSTATER, B., EGER, E. I., and EDELIST, G. 890
Effects of Methoxyflurane (Penthrane) on the peripheral circulation in Man. BLACK, G. W., and MCARDLE, L. 947
Effects of Nitrous Oxide on the early chick embryo. PARBROOK, G. D., MOBBS, I., and MACKENZIE, J. .....(*ARG*)990
Effects of the acid-base state upon the temperature coefficient of pH of blood. BURTON, G. W. 89
Electroencephalography in anaesthetic practice. MARSHAL, M., LONGLEY, B., and STANTON, W. H. 845
Electronics in Medical Research. HILL, D. W. (*R*)992
ELLIS, F. R. Postoperative respiratory inadequacy: an instructive case 363
Entry of Nitrous Oxide into a giant gas-filled ovarian cyst. WHITWAM, J. G., SCOTT, R. B., and SUNSHINE, I. 976

PAGE

Epidural block; see Anaesthesia, regional.
Ethyl Chloride. LAWSON, J. I. M. 667
Evaluation of rebreathing in a modified T-Piece system during controlled ventilation of anaesthetized children. NIGHTINGALE, D. A., RICHARDS, C. C., and GLASS, A. 762
Experiences of an artificial ventilation unit. BARGH, W., and SLAWSON, K. B. 574
External Cardiac Massage. MCKELVIE, W. B., and MCKELVIE, P. .....(*C*)368
Exposes d'anesthesiologie a l'usage des practitiens et des etudiants. HUGUENARD, P., and JAQUENOUD, P. .....(*R*)778
Extraction of a globular, hard, slippery foreign body inhaled in the bronchial tree by postural dislodgment and direct laryngoscopy. NEEMATALLAH, F., and NASSAR, H. 547
Extradural anaesthesia in the pig. HOPCROFT, S. C. 982

F

FABIAN, L. (Ed.). *Anaesthesia and the circulation* .....(*R*)479
Factors influencing the arterial oxygen tension during anaesthesia with artificial ventilation. NUNN, J. F., BERGMAN, N. A., and COLEMAN, A. J. 898
FARMAN, J. V. Death from Neuroblastoma 883
—— Neuroblastomas and Anaesthesia 866
Fatal cerebral anoxia following the use of Lignocaine spray for bronchoscopy. HARLEY, H. R. S., LAURENCE, K. M., SEAL, R. M. E., and STEVENS, J. H. 61
LAURENCE, K. M. .....(*C*)369
STETSON, J. B. .....(*C*)642
FAULCONER, A., and KEYS, T. E. *Foundations of Anesthesiology* .....(*R*)992
FIELDING, M. E.; see ZEITLIN, G. L.
FINER, B. Divinyl Ether 661
Fires and explosions with compressed gases. ITO, Y., HORIKAWA, H., and ICHIYANAGI, K. 140
First European trial of anaesthetic ether: the Dumfries Claim. BAILLIE, T. W. 952
FOLDES, F. F., SWERDLOW, M., and SIKER, E. S. *Narcotics and narcotic antagonists: Chemistry pharmacology and applications in anesthesiology and obstetrics* .....(*R*)558
——, see; DUNCALF, D.
FONTANELLE, J., and TOUDOIRE, A. *Techniques de denudation veineuse* .....(*R*)514
FORDHAM, R.; see GILSTON, A.
Forty years of research in Anaesthesia. KILLIAN, H. .....(*R*)771
Foundations of Anesthesiology. FAULCONER, A., and KEYS, T. E. .....(*R*)992

G

GALLOON, S.; see HARRISON, E. M.
GARWACKI, J. Diallyl toxiferine .....(*C*) 12
Gas-holding apparatus for use in gas chromatography. MONAHAN, C. M., and PURCHASE, I. F. H. 210
General Anaesthesia; see Anaesthesia.

PAGE

General Anaesthesia for intracranial surgery. MARRUBINI, M. B. 268
GILBERTSON, A. A. Anaesthesia in West African patients with sickle-cell anaemia, haemoglobin SC disease, and sickle-cell trait 614
GLASS, A.; see NIGHTINGALE, D. A.
GILSTON, A., FORDHAM, R., and RESNEKOV, L. Anaesthesia for direct current shock in the treatment of cardiac arrhythmias 533
GOLDMAN, V. A New Lease of Life? .....(C)888
GOULD, R. B. Anaesthesia at the Royal Dental Hospital .....(C)212
GRAVENSTEIN, J. S., ANTON, A. H., WIENER, S. M., and TETLOW, A. G. Catecholamine and cardiovascular response to electroconvulsion therapy in Man 833
GREENBAUM, R., NUNN, J. F., PRYS-ROBERTS, C., KELMAN, G. R., and SILK, F. F. Cardiopulmonary function after fat embolism (*ARG*)554
GRUBER, V. F., and ALLGOWER, M. *Infusion problems of surgery* .....(*R*)789
GRUNWALD, I. Histological findings following intrathecal injection of phenol solution for relief of pain .....(*C*)212

H

HAGELSTEN, J. O., and LARSON, O. S. Inaccuracy of anaesthetic flowmeters caused by static electricity 637
HAGELSTEN, J. O., and LARSON, O. S. Conditions for the formation and elimination of static electricity in a Danish hospital 438
HAGELSTEN, J. O., and LARSON, O. S. Static electricity in anaesthetic flowmeters eliminated by radioactive pistol 799
Halothane and the Liver. KEÉRI-SZÁNTÓ, M....(*C*)369
HARGREAVES, M. D. Changes in respiratory resistance and compliance with posture (*ARG*)988
HARLEY, H. R. S., LAURENCE, K. M., SEAL, R. M. E., and STEVENS, J. H. Fatal cerebral anoxia following the use of Lignocaine spray for bronchoscopy 61
HARPER, A. M. Physiology of cerebral bloodflow 225
HARRISON, E. M., and GALLOON, S. Venous blood as an alternative to arterial blood for the measurement of carbon dioxide tensions 13
HARRISON, G. A. The incidence of visible muscular fasciculations following a second dose of Suxamethonium chloride 129
HART, S. M. The anaesthetist and the early management of acute head injuries 189
HARTHON, J. G. L.; see DHUNÉR, K-G.
HERRING, B-G, see DHUNÉR, K-G.
HERSANT, M. E.; see JENNINGS, A. M. C.
HERSHEY, S. G. (Ed.). *Shock* .....(*R*)213
HEWER, C. L. Carbon dioxide elimination during insufflation anaesthesia .....(*C*)369
Hexafluorenium extension of Suxamethonium block. VAN HEMERT, V. R., and PEARCE, C. 585
HILL, D. W. *Electronics in Medical Research* (*R*)992
—— Physics applied to anaesthesia.
I: Some mathematical concepts 430
II: Mechanics 710
III: The properties of liquids, gases and vapours 967

PAGE

HILL, D. W., and MOORE, V. The action of adiabetic effects on the compliance of an artificial thorax 19
—— and PAYNE, J. P. Alcohol concentrations in blood, breath and urine .....(*ARG*)288
HINGORANI, B. K. The resistance to airflow of tracheostomy tubes, connections, and heat and moisture exchangers 454
Histological findings following intrathecal injection of phenol solution for relief of pain. GRUNWALD, I. .....(*C*)212
History of Nitrous Oxide and oxygen anaesthesia. SMITH, W. D.
Part I: Joseph Priestley to Humphry Davy 790
Part II: Davy's researches in relation to inhalation anaesthesia 871
Part III: Parsons Shaw, Dr. Syntax and Nitrous Oxide 958
HOBBES, A. Cardiac arrest and resuscitation...(*C*)368
HOBBES, A. Comparison of methods of calibrating the pneumotachograph .....(*ARG*)987
HOPCROFT, S. C. Extradural anaesthesia in the pig 982
HORATZ, K., FREY, R., and ZINDLER, M. *Anaesthesiology and Resuscitation, 4.* .....(*R*)642
HORATZ, K., and FREY, R. (Ed.). *Schock und Plasmaexpander* .....(*R*)558
HORIKAWA, H.; see ITO, Y.
HUGUENARD, P., and JAQUENOUD, P. *Exposes d'anaesthesiologie a l'usage des practiciens et des etudiants* .....(*R*)778
HUNTER, A. R. *Neurosurgical anaesthesia* .....(*R*)294
—— Tetrahydroaminacrine in Anaesthesia ... 505
Hyperventilation and acid-base balance. NORMAN, J., and LINDEN, R. J. .....(*ARG*)290
Hypoxaemia and Atelectasis produced by forced expiration. NUNN, J. F., COLEMAN, A. J., SACHITHANANDAN, T., BERGMAN, N. A., and LAWS, J. W. 3

I

ICHIYANAGI, K.; see ITO, Y.
Immediate postoperative care of the myasthenic patient following thymectomy. BAIRD, W. L. M., and NORRIS, W. A. 174
Impurities in Fluothane: their biological properties. RAVENTÓS, J., and LEMON, P. G. 716
Inaccuracy of anaesthetic flowmeters caused by static electricity. HAGELSTEN, J. O., and LARSON, O. L. 637
Incidence of visible muscular fasciculations following a second dose of Suxamethonium chloride. HARRISON, G. A. 129
Increase in Halothane concentration following refilling of certain vaporizers.
JENNINGS, A. M. C., and HERSANT, M. 137
THOMAS, E. .....(*C*)557
Independent lung anaesthesia in severely wet lung cases. NASSAR, H., and NEEMATALLAH, F. 135
Induction; see pharmacology, induction agents.
Infusion problems of surgery. GRUBER, U. F., and ALLGOWER, M. .....(*R*)789
INGVAR, D. H., and LASSEN, N. A. Methods for cerebral bloodflow measurements in Man 216
——*rCBF*: *Regional cerebral bloodflow* .....(*R*)771

PAGE

Instrumentation in Anesthesia. DORNETTE, W. H. L. (Ed.) .....(*R*)188
Intensive therapy and care .....(*E*)465
Investigation of the cardiovascular effects of Hexafluorenium. DUNCALF, D., FOLDES, F. F., JACOBSON, E., and VARGAS, P. G. 591
ISBISTER, W. H., SCHOFIELD, P. F., and TORRANCE, H. B. Study of the arterial clearance of Xenon 133 in Man 153
ITO, Y., HORIKAWA, H., and ICHIYANAGI, K. Fires and explosions with compressed gases 140

J

JACOBSON, E.; see DUNCALF, D.
JENNINGS, A. M. C. and HERSANT, M. E. Increase in Halothane concentration following refilling of certain vaporizers 137
JOHN, A. H. Placental transfer of Atropine and the effect on foetal heart rate 57
—— The effect of maternal hypoxia on the heart rate of the foetus in utero 515
JONES, H. D., and MCLAREN, C. A. B. Postoperative shivering and hypoxaemia after Halothane, Nitrous Oxide and oxygen anaesthesia 35
JONES, R. S., and RITCHIE, H. E. The effect of Suxamethonium in a case of myotomia in the horse .....(*C*)142
JUST, O. H. (Ed.). *Leberfunktion und operative Eingriff* .....(*R*)152

K

KEÉRI-SZÁNTÓ, M. Halothane and the Liver ...(*C*)369
KELMAN, G. R. Processing of experimental result using a digital computer .....(*ARG*)989
——, see GREENBAUM, R., PRYS-ROBERTS, C., COLEMAN, A. J.
—— and NUNN, J. F. Assessment of capillary pH electrode and microtonometer system (ARG)289
KENNY, S.; see DOCRAT, K.
KEOWN, K. K. *Anesthesia for surgery of the heart* .....(*R*)139
KILLIAN, H. *40 Years of research in Anaesthesia* .....(*R*)771
KIRWAN, M. J.; see CLARKE, R. S. J.

L

LARSON, A. G. Cerebral vasoconstriction .....(*C*)212
LARSON, O. S.; see HAGELSTEN, J. O.
Laryngeal spray and director. PIERCE, G. 366
LASSEN, N. A.; see INGVAR, D. H.
LAURENCE, K. M. Fatal cerebral anoxia following the use of Lignocaine spray for bronchoscopy .....(*C*)369
——, see HARLEY, H. R. S.
LAWS, J. W.; see NUNN, J. F.
LAWSON, J. I. M. Ethyl Chloride 667
——, see UNKLES, R. D.
Leberfunktion und operativer Eingriff. JUST, O. H. (Ed.). .....(*R*)152

PAGE

LEDINGHAM, I. McA.; see MCDOWALL, D. G.
LEDSOME, J. R.; see LINDEN, R. J., NORMAN, J.
LEE, J. A. and ATKINSON, R. S. *A synopsis of Anaesthesia* .....(*R*)294
LEMON, P. G.; see RAVENTÓS, J.
LEONARD, D.; see WINGARD, D.
LEVINSON, B. W. States of awareness during general anaesthesia 544
LEVY, C. J., and WEBSTER, J. L. Anaesthesia in patients with sickle-cell anaemia .....(*C*)801
LIE, T.; see DHÚNER, K-G.
LINDEN, R. J.; see NORMAN, J., and LEDSOME, J. R. Simple methods for the determination of the concentrations of carbon dioxide and oxygen in blood 77
Local Anaesthesia .....(*E*)295
LOMAZ, J. G. Repeated cardiac arrest with Halothane .....(*C*)642
LONGLEY, B.; see MARSHALL, M.
LOVE, W. J.; see CLARKE, R. S. J., DUNDEE, J. W.
Lung circulation, The. AVIADO, D. M. .....(*R*)857
Lung function: Assessment and application in medicine. COTES, J. E. .....(*R*)802

M

MACKENZIE, J.; see PARBROOK, G. D.
MAGORA, F., BELLER, A., ALADJEMOFF, L., MAGORA, A., and TANNENBAUM, J. Observations on electrically induced sleep in man ... 480
MAPLESON, W. W.; see ROSEN, N.
MARRUBINI, M. B. General anaesthesia for intracranial surgery 268
—— and TRETOLA, L. Diazapam as a preoperative tranquillizer in neuro-anaesthesia: a preliminary note 934
MARSHAL, M., LONGLEY, B., and STANTON, W. H. Electroencephalography in anaesthetic practice 845
MARSHALL, B. E.; see MILLAR, R. A.
MASSON, A. H. B.; see CAMPBELL, D.
Maternal hypoxia; see JOHN, A. H.
MCARDLE, L.; see BLACK, G. W.
MCCLEERY, W. N. C. A comparative evaluation of corticoids in the treatment of acute adrenal insufficiency .....(*ARG*)288
MCDONALD, I. H., and STOCKS, J. G. Prolonged nasotracheal intubation 161
MCDOWALL, D. G. Effects of general anaesthetics on cerebral bloodflow and cerebral metabolism 236
——, LEDINGHAM, I. McA., TINDAL, S., and MONTANI, S. Alveolar-arterial gradient for oxygen at 2 atmospheres pressure .....(*ARG*)552
MCKANE, R. V.; see BLACK, G. W.
MCKELVIE, W. B., and MCKELVIE, P. External cardiac massage .....(*C*)368
MCLAREN, C. A. B.; see JONES, H. D.
Measurement of airway resistance in horses. WEAVER, B. M. Q., and MAPLESON, W. W. .....(*ARG*)987
Measurement of recovery from anaesthesia. VICKERS, M. D. 296
MEHRA, K. S., and CHANDRA, P. The effect on the eye of premedication with Atropine 133

PAGE

Method of rapid inflation of endotracheal tube cuffs. SMITHSON, R. P. 550
Method of recording the minute volume of respiration. WEBB, S. J. S. .....(*ARG*)292
Methods for cerebral bloodflow measurements in man. INGVAR, D. H., and LASSEN, N. A. 216
Methoxyflurane. TOMLIN, P. J. 706
Methoxyflurane in dental anaesthesia: a blind trial. UNKLES, R. D., and LAWSON, J. I. M. 422
MICHENFELDER, J. D., UIHLEIN, A., DAW, E. F. and THEYE, R. A. Moderate hypothermia in man: haemodynamic and metabolic effects 738
MILLAR, R. A. Arterial oxygen tension and age (*C*)557
—— Comment on arterial pressure waves during apnoeic oxygenation 326
—— and BISCOE, T. J. Effects of anaesthetics on postganglionic sympathetic discharge (*ARG*)291
—— and BISCOE, T. J. Preganglionic sympathetic activity and the effects of anaesthetics 804
—— and MARSHALL, B. E. Acid-base changes in arterial blood associated with spontaneous and controlled ventilation during anaesthesia 492
MITCHELL, E. S.; see CLARKE, R. S. J.
MOBBS, I.; see PARBROOK, G. D.
Mode of administration of Promazine as a factor in determining the extent of placental transmission. CRAWFORD, J. S., and RUDOFSKY, S. 310
Moderate hypothermia and circulatory arrest for neurosurgical operations. CAMPKIN, V. ... 528
Moderate hypothermia in man: haemodynamic and metabolic effects. MICHENFELDER, J. D., UIHLEIN, A., DAW, E. F., and THEYE, R. A. 738
MONAHAN, C. M., and PURCHASE, I. F. H. Gasholding apparatus for use in gas chromatography 210
Monitoring; see Apparatus.
MONTANI, S.; see MCDOWALL, D. G.
MOORE, D. C. *Anesthetic techniques for obstetrical anesthesia and analgesia* .....(*R*)224
MOORE, J.; see DUNDEE, J. W.
MOORE, V.; see HILL, D. W.
MORROW, W. F. K. Respiratory obstruction due to impaction of epiglottis 980
MOSTERT, J. W. The urgency of expedient e.c.g. monitoring during anaesthesia .....(*C*)886
Motor Endplate, The. ZACKS, S. I. .....(*R*)565
MUSHIN, W. W. Craft and Intellect. The John Snow Memorial Lecture, 1964 520
—— *Thoracic Anaesthesia* .....(*R*)214

N

Narcotics and narcotic antagonists: Chemistry, pharmacology and applications in anesthesiology and obstetrics. FOLDES, F. F., SWERDLOW, M., and SIKER, E. S. .....(*R*)558
NASSAR, H., and NEEMATALLAH, F. Independent Lung anaesthesia in severely wet lung cases 135
NEEMATALLAH, F., and NASSAR, H. Extraction of a globular, hard, slippery foreign body inhaled in the bronchial tree by postural dislodgment and direct laryngoscopy 547
NEGUS, V. *The Biology of Respiration* .....(*R*)453

PAGE

NEILL, D. W.; see CLARKE, R. S. J.
Neuroblastomas and anaesthesia. FARMAN, J. V. 866
Neurosurgical Anaesthesia .....(*E*)215
Neurosurgical Anaesthesia. HUNTER, A. R. ...(*R*)294
NICHOLL, R. M.; see DUNDEE, J. W.
NIGHTINGALE, D. A., RICHARDS, C. C., and GLASS, A. An evaluation of rebreathing in a modified T-piece system during controlled ventilation of anaesthetized children 762
NORMAN, J., LEDSOME, J. R., and LINDEN, R. J. System for the measurement of respiratory and acid-base parameters in blood 466
—— and LINDEN, R. J. Hyperventilation and acid-base balance .....(*ARG*)290
——, see LINDEN, R. J.
NORRIS, W., and CAMPBELL, D. *A nurse's guide to anaesthetics, resuscitation and intensive care* .....(*R*)802
——, see BAIRD, W. L. M., CAMPBELL, D.
NUNN, J. F., BERGMAN, N. A., and COLEMAN, A. J. Factors influencing the arterial oxygen tension during anaesthesia with artificial ventilation 898
——, COLEMAN, A. J., SACHITHANANDAN, T., BERGMAN, N. A., and LAWS, J. W. Hypoxaemia and atelectasis produced by forced expiration 3
——, see GREENBAUM, R., KELMAN, G. R., PRYS-ROBERTS, C.

O

Observations on electrically induced sleep in man. MAGORA, F., BELLER, A., ALADJEMOFF, L., MAGORA, A., and TANNENBAUM, J. 480
Observations on the accuracy of the rebreathing method for measurement of arterial carbon dioxide tension in anaesthetized children. WEBSTER, J. L. 111
Oxygenation during anaesthesia with controlled ventilation. SYKES, M. K., YOUNG, W. E., and ROBINSON, B. E. 314

P

Paediatric anaesthesia; see Anaesthesia for children.
PANTELIC, D., and VAJS, E. Effect of Halothane anaesthesia on survival of dogs subjected to controlled posthaemorrhagic hypotension followed by retransfusion 388
——, see VAJS, E.
PARBROOK, G. D. Studies of Nitrous Oxide toxicity in experimental animals .....(*ARG*)556
——, MOBBS, I., and MACKENZIE, J. Effects of Nitrous Oxide on the early chick embryo (*ARG*)990
PARKHOUSE, J. Anaesthetics training today ... 623
—— Trichloroethylene 681
PAYMASTER, N., WOLLMAN, H., and BACHMAN, L. Cyclopropane induction to endotracheal Ether anaesthesia in infants and children ... 29
PAYNE, J. P.; see CONWAY, C. M., HILL, D. W.
P_{CO_2} titration curves in the dog. TOMLIN, P. J. .....(*ARG*)990
PEARCE, C.; see VAN HEMBERT, V. R.
Peripheral pulse amplitude in Halothane anaesthesia. BEDDARD, J. R. J. .....(*C*)557

PAGE

Pethidine compared with Pethidine plus Levallorphan and with a placebo. TOMLIN, P. J. 23
PETROVSKY, B. V., and YEFUNI, S. N. Therapeutic inhalation anaesthesia 42
Pharmacology, Analgesics:
Evaluation of; see CAMPBELL, D.
Narcotic antagonists; see FOLDES, F. F.
Morphine; see CLARKE, R. S. J.
Pethidine; see CRAWFORD, J. S., TOMLIN, P. J.
Pharmacology, Induction agents:
Propanidid (RBA.1420); see CLARKE, R. S. J., DUNDEE, J. W., and SWERDLOW, M.
Thiopentone; see CLARKE, R. S. J.
Pharmacology, Inhalation agents:
Chloroform; see DAVISON, A. M. H.
Cyclopropane; see BRANDSTATER, B., VERNER, I. R., PAYMASTER, N.
Divinyl ether; see FINER, B.
Effect on the liver; see WINGARD, D.
Ethers; see BAILLIE, T. W., BRANDSTATER, B., CONWAY, C. M.
Ethyl chloride; see LAWSON, J. I. M.
Haemorrhage, and halothane; see PANTELIC, D., VAJS, E.
Halothane, see BRANDSTATER, B., BLACK, G. W., JONES, H. D., KEÉRI-SZÁNTÓ, M., PURCHASE, I. F. H., RAVENTÓS, J.
Nitrous Oxide; see BLACK, G. W., BLOCH, M., CRAYTHORNE, N. W., PARBROOK, G. D., WHITWHAM, J. G.
Methoxyflurane; see BLACK, G. W., TOMLIN, P. J., UNKLES, R. D.
Sympathetic activity; see MILLAR, R. A.
Trichloroethylene; see PARKHOUSE, J.
Pharmacology, Local Anaesthetics:
Lignocaine, Prilocaine; see BROMAGE, P. R.
Mepivicaine; see DHUNÉR, K-G.
Systemic absorption; see BRAID, D. P.
Pharmacology of the Central Nervous System: British Medical Bulletin, Vol. 21, No. 1 .....(*R*)551
Pharmacology, Premedication:
Atropine; see JOHN, A. H.; MEHRA, K. S.
Diazepam; see MARRUBINI, M. B.
Hyoscine; see CLARKE, R. S. J.
Morphine and Atropine; see CLARKE, R. S. J.
Phenothiazines; see DUNDEE, J. W.
Tacrine; see CLARKE, R. S. J.
Pharmacology, Relaxants:
Curare; see BUSH, G. H.; THOMAS, K. B.
Diallyl toxiferine; see BUSH, G. H.; GARWACKI, J.; VENN, P. H.
Hexafluorenium; see DUNCALF, D.; VAN HEMERT, V. R.
Suxamethonium; see HARRISON, G. A.; JONES, R. S.; TAMMISTO, T.
Tetrahydroaminacrine; see HUNTER, A. R.
Physics applied to Anaesthesia. HILL, D. W.
I: Some mathematical concepts 430
II: Mechanics 710
III: The properties of liquids, gases and vapours 967
Physiological deadspace under general anaesthesia and I.P.P.R. COOPER, E. A. .....(*ARG*)555
Physiology and biophysics of the circulation. BURTON, A. C. .....(*R*)882
Physiology, circulation:
Arterial pressure waves; see MILLAR, R. A.

PAGE

Physiology, circulation (*cont.*):
Biophysics; see BURTON, A. C.
Book review; see FABIAN, L.
Cardiac arrest; see Complications.
Central venous pressure; see WATKIN, R.
Cerebral blood flow; see INGVAR, D. M.; LARSON, A. G.; MCDOWALL, D. G.
Fat embolism; see GREENBAUM, R.
Halothane; see BEDDARD, J. R. J.
Halothane and haemorrhage; see PANTELIC, D.; VAJS, E.
Hexafluorenium; see DUNCALF, D.
Hypothermia; see MICHENFELDER, J. D.
Methoxyflurane; see BLACK, G. W.
Nitrous Oxide; see BLACK, G. W.; BLOCH, M.; CRAYTHORNE, N. W. B.
Sympathetic nerves; see MILLAR, R. A.; PURCHASE, I. F. H.
Trimetaphan; see THEYE, R. A.
Physiology of cerebral bloodflow. HARPER, A. M. 225
Physiology of respiration: an introductory text. COMROE, J. H. .....(*R*)546
Physiology, respiration:
Airway resistance; see WEAVER, B. M. Q.
Artificial thorax; see HILL, D. W.
Artificial ventilation; see BARGH, W.
Atelectasis; see NUNN, J. F.
Biology of; see NEGUS, V.
Book review; see COMROE, J. H.
Compliance and resistance; see HARGREAVES, M. D.
C.S.F. and; see SEMPLE, S. J. G.
Deadspace; see COOPER, E. A.
Fat embolism; see GREENBAUM, R.
Halothane and; see BLACK, G. W.
Inhalation agents and; see BRANDSTATER, B.
Lung function; see AVIADO, M.; COTES, J. E.
Methoxyflurane and; see BLACK, G. W.
Minute volume; see WEBB, S. J. S.
Oxygenation; see MILLAR, R. A.; NUNN, J. F.; SYKES, M. K.
PIERCE, G. A laryngeal spray and director..... 366
Placental transfer of atropine and the effect on foetal heart rate. JOHN, A. H. 57
Placental transmission and neonatal metabolism of promazine. CRAWFORD, J. S., and RUDOFSKY, S. 303
Placental transmission of Pethidine. CRAWFORD, J. S.; and RUDOFSKY, S. 929
Postoperative respiratory inadequacy: an obstructive case. ELLIS, F. R. 363
Postoperative shivering and hypoxaemia after Halothane, Nitrous Oxide and oxygen anaesthesia. JONES, H. D., MCLAREN, C. A. B. ... 34
Preganglionic sympathetic activity and the effects of anaesthetics. MILLAR, R. A., and BISCOE, T. J. 804
PRYS-ROBERTS, C., KELMAN, G. R., and NUNN, J. F. Determination of the in vivo carbon dioxide titration curves in anaesthetised man .....(*ARG*)553
——, see GREENBAUM, R.
Processing of experimental results using a digital computer. KELMAN, G. R. .....(*ARG*)989
Progress in Surgery, Vol. 4 (1964). ALLGOWER, M. (Ed.) .....(*R*)173

PAGE

Prolonged endotracheal intubation in infants and children. ALLEN, T. H., and STEVEN, I. M. 566
Prolonged nasotracheal intubation. MCDONALD, I. H., and STOCKS, J. G. 161
PURCHASE, I. F. H. Effect of Halothane on the sympathetic nerve supply to the Myocardium 915
——, see MONAHAN, C. M.

R

RAINER, E. Cardiac Arrest and Resuscitation (C)368
RAVENTÓS, J., and LEMON, P. G. The impurities in Fluothane; their biological properties 716
REBERNISAK, V.; see VAJS, E.
Regional anaesthesia; see Anaesthesia, regional.
Relaxants; see Pharmacology, relaxants.
Repeated cardiac arrest with Halothane.
SYKES, M. K. 208
LOMAZ, J. G. .....(C)642
Resistance to airflow of tracheostomy tubes, connections, and heat and moisture exchangers.
HINGORANI, B. K. 454
RESNEKOV, L.; see GILSTON, A.
Respiration and the cerebrospinal fluid.
SEMPLE, S. J. G. 262
Respiratory and metabolic changes during Methoxyflurane and Halothane anaesthesia.
BLACK, G. W., and MCKANE, R. V. 409
Respiratory obstruction due to impaction of epiglottis. MORROW, W. F. K. 980
Resuscitation and cardiac pacing. SHAW, G. G., SMITH, G., and THOMSON, T. J. (Ed.) .....(R)514
Retrospect .....(E)889
Review of the pharmacology of Halothane.
BLACK, G. W. 688
Reviews:
ADRIANI, J. (Ed.). *Appraisal of current concepts in Anesthesiology* 180
ALADJALOVA, N. A. *Slow electrical processes in the brain* 294
ALLGOWER, M. (Ed.). *Progress in Surgery, Vol. 4 (1964)* 173
AVIADO, D. M. The Lung circulation 857
BOEREMA, I. (Ed.). *Clinical applications of hyperbaric oxygen* 73
Boerhaave-Cursessen voor Specialisten; Anaesthesiologie, 1963: Neuroanaesthesia 12
BURTON, A. C. *Physiology and biophysics of the circulation* 882
COMROE, J. H. *Physiology of respiration: an introductory text* 546
COTES, J. E. *Lung function: Assessment and application in medicine* 802
CULLEN, S. C. *Year Book of Anesthesia* 224
DORNETTE, W. H. L. (Ed.). *Instrumentation and Anesthesia* 188
FABIAN, L. (Ed.). *Anaesthesia and the circulation* 479
FAULCONER, A., and KEYS, T. E. *Foundations of Anesthesiology* 992
FOLDES, F. F., SWERDLOW, M., and SIKER, E. S. *Narcotics and narcotic antagonists: Chemistry, pharmacology and applications in anesthesiology and obstetrics* 558

PAGE

Reviews (*cont.*):
FONTANELLE, J., and TOUDOIRE, A. *Techniques de Denudation Veineuse* 514
GRUBER, U. F., and ALLGOWER, M. *Infusion problems of surgery* 789
HERSHEY, S. G. (Ed.). *Shock* 213
HILL, D. W. *Electronics in medical research* 992
HORATZ, K., FREY, R., and ZINDLER, M. *Anaesthesiology and Resuscitation, 4: Schock und Plasmaexpander* 558
HUGUENARD, P., and JAQUENOUD, P. *Exposes d'anesthesiologie a l'usage des practiciens et des etudiants* 778
HUNTER, A. R. *Neurosurgical Anaesthesia* 294
INGVAR, D. H., and LASSEN, N. A. *rCBF: Regional cerebral blood flow* 771
JUST, O. H. (Ed.). *Leberfunktion und operativer Eingriff* 152
KEOWN, K. K. *Anesthesia for surgery of the heart* 139
KILLIAN, H. *Forty Years of research in Anaesthesia* 771
LEE, J. A., and ATKINSON, R. S. *A synopsis of Anaesthesia* 294
MOORE, D. C. *Anesthetic Techniques for Obstetrical Anesthesia and Analgesia* 224
MUSHIN, W. W. (Ed.). *Thoracic Anaesthesia* 214
NEGUS, V. *The Biology of Respiration* 453
NORRIS, W., and CAMPBELL, D. *A Nurse's guide to anaesthetics, resuscitation and intensive care* 802
Pharmacology of the Central Nervous System: British Medical Bulletin, Vol. 21, No. 1 551
RUEDI, L. (Ed.). *Advances in Otorhinolaryngology* 370
SHAW, G. G., SMITH, G., and THOMSON, T. J. *Resuscitation and Cardiac pacing* ... 514
SHEPHERD, N. W. *The application of Neuroleptanalgesia in anaesthetic and other practice* 613
SMITH, R. M. *Anaesthesia for infants and children* 134
STEPHENSON, H. E. *Cardiac Arrest and Resuscitation* 73
THOMAS, K. B. *Curare, its History and Usage* 173
WOOD-SMITH, F. G., and STEWART, H. C. *Drugs in anaesthetic practice* 527
ZACKS, S. I. *The Motor Endplate* 565
RICHARDS, C. C.; see NIGHTINGALE, D. A.
RITCHIE, H. E.; see JONES, R. S.
ROBINSON, B. E.; see SYKES, M. K.
ROSEN, N., and MAPLESON, W. W. Assessment of the Radiometer oxygen electrode .....(*ARG*)553
ROSOMOFF, H. L. *Adjuncts to neurosurgical anaesthesia* 246
RUDOFSKY, S.; see CRAWFORD, J. S.
RUEDI, L. (Ed.). *Advances in Otorhinolaryngology* .....(R)370
RYDER, G. H.; see ZEITLIN, G. L.

S

SACHDEV, K. S.; see SIKH, S. S.
SACHITHANANDAN, T.; see NUNN, J. F.
Schock und Plasmaexpander. HORATZ, K., and FREY, R. (Ed.) .....(R)558

PAGE

SCHOFIELD, P. F.; see ISBISTER, W. H.
SCHROEDER, H. G. Acute and delayed chloroform poisoning 972
SCOTT, D. B. Another method of providing for intermittent epidural injection .....(C)293
——, see BRAID, D. P.
SCOTT, R. B.; see WHITWAM, J. G.
SCREECH, G. Unusual cause of respiratory obstruction during anaesthesia 978
SEAL, R. M. E.; see HARLEY, H. R. S.
SEMPLE, S. J. G. Respiration and the cerebrospinal fluid 262
SHAW, G. G., SMITH, G., and THOMSON, T. J. *Resuscitation and Cardiac pacing* .....(R)514
SHEPHERD, N. W. *The application of neuroleptanalgesia in anaesthetic and other practice* .....(R)613
Shock. HERSHEY, S. G. (Ed.) .....(R)213
SHORT, D. H.; see RYDER, G. H.; ZEITLIN, G. L.
Sickle-cell trait and anaesthesia. CLARKE, H. L. (C)464
SIKH, S. S., and SACHDEV, K. S. Duration of the neuromuscular blocking action of Streptomycin 158
SILK, F. F.; see PRYS-ROBERTS, R.
Simple methods for the determination of the concentrations of carbon dioxide and oxygen in blood. LINDEN, R. J., LEDSOME, J. R., and NORMAN, J. 77
Sir Robert Macintosh .....(E)559
SLAWSON, K. B.; see BARGH, W.
Slow electrical processes in the brain. ALADJALOVA, N. A. .....(R)294
SMITH, R. M. *Anaesthesia for infants and children* .....(R)134
SMITH, W. D. A. A history of Nitrous Oxide and oxygen anaesthesia.
Part I: Joseph Priestley to Humphry Davy 790
Part II: Davy's researches in relation to inhalation anaesthesia 871
Part III: Parsons Shaw, Dr. Syntax and Nitrous Oxide 958
SMITHSON, R. P. Method of rapid inflation of endotracheal tube cuffs 550
Snow, John (Memorial Lecture); see MUSHIN, W. W.
STANTON, W. H.; see MARSHAL, M.
States of awareness during general anaesthesia. LEVINSON, B. W. 544
Static electricity in anaesthetic flowmeters eliminated by radioactive pistol. HAGELSTEN, J., LARSON, O. S. 799
STEPHENS, K. F. Transportable apparatus for halothane anaesthesia 67
STEPHENSON, H. E. *Cardiac Arrest and Resuscitation* .....(R)73
STETSON, J. B. Fatal cerebral anoxia following the use of Lignocaine spray for bronchoscopy .....(C)642
STEVEN, I. M.; see ALLEN, T. H.
STEVENS, J. H.; see HARLEY, H. R. S.
STOCKS, J. G.; see MCDONALD, I. H.
Studies of drugs given before anaesthesia.
VI: The Phenothiazine derivatives. DUNDEE, J. W., MOORE, J., LOVE, W. J., NICHOLL, R. M., and CLARKE, R. S. J. 332

PAGE

Studies of drugs (*cont.*):
VII: Pethidine-Phenothiazine combinations. DUNDEE, J. W., NICHOLL, R. M., CLARKE, R. S. J., MOORE, J., and LOVE, W. J. 601
VIII: Morphine 10 mg alone and with Atropine or Hyoscine. CLARKE, R. S. J., DUNDEE, J. W., and LOVE, W. J. 772
IX: Morphine with Tacrine. CLARKE, R. S. J., and DUNDEE, J. W. 779
Studies of nitrous oxide toxicity in experimental animals. PARBROOK, G. D. .....(ARG)556
Study of the arterial clearance of xenon 133 in man. ISBISTER, W. H., SCHOFIELD, P. F., and TORRANCE, H. B. 153
SUNSHINE, I.; see WHITWAM, J. G.
Suxamethonium-induced myoglobinuira. TAMMISTO, T., and AIRAKSINEN, M. M. .....(C)464
SWERDLOW, M. A trial of Propanidid (FBA.420). A new ultrashort-acting anaesthetic 785
SYKES, M. K. Repeated cardiac arrest with Halothane 208
—— and COOKE, P. M. The effect of hyperventilation on "excess lactate" production during anaesthesia 372
——, YOUNG, W. E., and ROBINSON, B. E. Oxygenation during anaesthesia with controlled ventilation 314
Synopsis of Anaesthesia. LEE, H. A., and ATKINSON, R. S. .....(R)294
System for the measurement of respiratory and acid-base parameters in blood. NORMAN, J., LEDSOME, J. R., and LINDEN, R. J. 466
Systemic absorption of local analgesic drugs. BRAID, D. P., and SCOTT, D. B. 394

T

Tacrine; see Tetrahydroaminacrine, CLARKE, R. S. J.
TAMMISTO, T., and AIRAKSINEN, M. M. Suxamethonium-induced myoglobinuria .....(C)464
TANNENBAUM, J.; see MAGORA, F.
Teaching; see Educational.
Teaching of general anaesthesia for dental surgeons. BINNING, R. .....(C)142
Techniques; see Anaesthesia.
Techniques de Denudation Veineuse. FONTANNELLE, J., and TOUDOIRE, A. .....(R)514
TETLOW, A. G.; see GRAVENSTEIN, J. S.
Tetrahydroaminacrine in anaesthesia. HUNTER, A. R. 505
Therapeutic inhalation anaesthesia. PETROVSKY, B. V., and YEFUNI, S. N. 42
THEYE, R. A., and TUOHY, G. F. Effect of trimetaphen on haemodynamics and oxygen consumption during Halothane anaesthesia in man 144
——, see MICHENFELDER, J. D.
THOMAS, B. K. *Curare, its history and usage*...(R)173
THOMAS, E. Increase in Halothane concentration following refilling of certain vaporizers (C)557
Thoracic anaesthesia; see Anaesthesia, thoracic.
Thoracic Anaesthesia. MUSHIN, W. W. (Ed.) ...(R)214
TINDAL, S.; see MCDOWALL, D. G.
TOMLIN, P. J. Methoxyflurane 706
—— Pco_2: titration curves in the dog.....(ARG)991

PAGE

TOMLIN, P. J. Pethidine compared with Pethidine plus Levallorphan and with a placebo... 23
——, see CONWAY, C. M.
TORRANCE, H. B.; see ISBISTER, W. H.
Transportable apparatus for Halothane anaesthesia. STEPHENS, K. F. 67
TRETOLA, L.; see MARRUBINI, M. B.
Trial of Propanidid (FBA.1420): a new ultra-short-acting anaesthetic. SWERDLOW, M. ... 785
Trichloroethylene. PARKHOUSE, J. 681
TUOHY, G. F.; see THEYE, R. A.

U

UIHLEIN, A.; see MICHENFELDER, J. D.
University of Pennsylvania Bicentenary celebrations .....(E)559
UNKLES, R. D., and LAWSON, J. I. M. Methoxyflurane in dental anaesthesia: A blind trial 422
Unusual cause of respiratory obstruction during anaesthesia. SCREECH, G. 978
Urgency of expedient e.c.g. monitoring during anaesthesia. MOSTERT, J. W. .....(C)886

V

VAJS, E., REBERNISAK, V., and PANTELIC, D. Effect of Halothane anaesthesia and hypothermia on survival of dogs subjected to acute untreated haemorrhage 380
——, see PANTELIC, D.
Value of central venous pressure measurement during general surgery. WATKIN, R. 428
VAN HEMBERT, V. R., and PEARCE, C. Hexafluorenium extension of Suxamethonium block 585
VARGAS, P. G.; see DUNCALF, D.
VENN, P. H. Diallyl toxiferine .....(C)213
Venous blood as an alternative to arterial blood for the measurement of carbon dioxide tensions. HARRISON, E. M., and GALLOON, S. 13
Ventilation; see Physiology, respiration.
VERNER, I. R. Cyclopropane: The essential features 671
VICKERS, M. D. The measurement of recovery from anaesthesia 296
Volatile agents; see Pharmacology, inhalation agents.

W

PAGE

WATKIN, R. The value of central venous pressure measurement during general surgery 428
WEAVER, B. M. Q., and MAPLESON, W. W. The measurement of airway resistance in horses .....(ARG)987
WEBB, S. J. S. A method of recording the minute volume of respiration .....(ARG)292
WEBSTER, J. L . Observations on the accuracy of the rebreathing method for measurement of arterial carbon dioxide tension in anaesthetized children 111
——, see LEVY, C. J.
WESTHUES, M., and FRITSCH, R. *Animal anaesthesia* .....(R)885
WHITWAM, J. G., SCOTT, R. B., and SUNSHINE, I. Entry of nitrous oxide into a giant gas-filled ovarian cyst 976
WIENER, S. M.; see GRAVENSTEIN, J. S.
WINGARD, D., DAVIS, H. S., and LEONARD, D. Effects of Halothane and Chloroform on the liver in protein-deficient mice 103
WOLLMAN, H.; see PAYMASTER, N.
WOOD-SMITH, F. G., and STEWART, H. C. *Drugs in anaesthetic practice* .....(R)527

Y

Year Book of Anesthesia. CULLEN, S. C. (Ed.) (R)224
YEFUNI, S. N.; see PETROVSKY, B. V.
YOUNG, W. E.; see SYKES, M. K.

Z

ZACKS, S. T. *The Motor Endplate* .....(R)565
ZEITLIN, G. L., SHORT, D. H., and FIELDING, M. E. Carbon dioxide elimination during insufflation anaesthesia 177
—— and RYDER, G. H. An assessment of the Robertshaw double-lumen tube 858

7477-J

IESIA
PAGE
428
G)987
G)292
111
R)885
976
103
R)527
R)224
R)565
177
858